

Form PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			ATTY. DKT. NO.	APPLICATION NO.
				501.37465C10	TBD
INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use several sheets if necessary)				APPLICANT	
				TANABE, et al.	
				FILING DATE	EXPECTED GROUP
				February 10, 2004	2829

**U.S. PATENT DOCUMENTS**

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date
VY AA	2001/0042344	11/22/2001	Ohmi, et al.			
VY AB	5,959,329	9/28/1999	Tomita, et al.			

**FOREIGN PATENT DOCUMENTS**

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation/ Abstract	
						Yes	No
VY AC	08-213379	8/20/1996	Japan			X	
A AD	11-067747	3/9/1999	Japan			X	
	11-074264	3/16/1999	Japan			X	
AE	10-284484	10/23/1998	Japan			X	
AF	11-162971	6/18/1999	Japan			X	
AG	11-162970	6/18/1999	Japan			X	
AH	11-204517	7/30/1999	Japan			X	
AI	11-186255	7/9/1999	Japan			X	
AJ	11-135492	5/21/1999	Japan			X	
AK	9-153489	6/10/1997	Japan			X	
AL	11-233508	8/27/1999	Japan			X	
AM	11-186248	7/9/1999	Japan			X	
AN	07-297201	11/10/1995	Japan			X	
AO	07-297181	11/10/1995	Japan			X	
AP	07-273101	10/20/1995	Japan			X	
VY AQ	9-148461	6/6/1997	Japan			X	

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

AR	
Examiner <i>V. Yee &amp; Koen</i>	Date Considered <i>06/09/05</i>

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		FILING DATE February 10, 2004	EXPECTED GROUP 2829

## U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date
VY	AA 6,037,273	3/00	Gronet, et al.			
	AB					
	AC					
	AD					
	AE					
	AF					
	AG					
	AH					
	AI					
	AJ					

## FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation /Abstract	
						Yes	No
VY	AM 7-86264	3/95	Japan				X
	AN 7-193059	7/95	Japan			X	
	AO 5-114740	5/93	Japan			X	
	AP 7-321102	12/95	Japan			X	
	AQ 60-107840	6/85	Japan			X	
	AR 5-141871	6/93	Japan			X	
	AS 5-144804	6/93	Japan			X	
	AT 6-120206	4/94	Japan			X	
VY	AU 59-132136	7/84	Japan			X	
VY	AV WO/9728085	7/97	PCT			X	

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AW	
AV	
AW	
AX	
AY	
AZ	

Examiner  
V.Yestka

Date Considered  
06/09/05

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		FILING DATE February 2, 2004	EXPECTED GROUP 2829

**U.S. PATENT DOCUMENTS**

Examiner Initial	Document Number	Date	Name	Class	Subclas s	Filing Date
VM	AA 6,362,086	3-26-02	Weimer, et al.			
↑	AB 5,751,025	5/98	Heminger, et al.			
	AC 4,139,658	2/79	Cohen, et al.			
	AD 5,693,578	12/97	Nakanishi, et al.			
	AE 5,880,041	3/99	Ong			
	AF 5,851,892	12/98	Lojek, et al.			
	AG 5,840,368	11/98	Ohmi			
↓	AH 5,786,263	7/98	Perera			
VM	AI 6,239,041	5/01	Tanabe, et al.			

**FOREIGN PATENT DOCUMENTS**

Examiner Initial	Document Number	Date	Country	Class	Subclas s	Translatio n/Abstract	
						Yes	No
VM	AJ 7-115069	5-2-95	Japan			X	
↑	AK 9-172011	6/97	Japan			X	
	AL 6-333918	12/94	Japan			X	
	AM 7-10935	2/95	Japan				X
	AN 7-115069	5/95	Japan				X
	AO 5-152282	6/93	Japan			X	
	AP 6-163517	6/94	Japan			X	
↓	AQ 6-115903	4/94	Japan			X	
VM	AR 8-111449	4/96	Japan				X

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

VM	AS	Nakamura, et al., "Proceedings of the 45 <sup>th</sup> Symposium on Semiconductors and Integrated Circuits Technology", December 1-2, 1993. (full translation)
VM	AT	Tanabe, et al., PG Pub: US 2002/0004315 A1, 1/10/02
↑	AU	Tanabe, et al., PG Pub: US 2002/0019149 A1, 2/14/02
	AV	Tanabe, et al., PG Pub: US 2001/0009813 A1, 7/26/01
	AW	Tanabe, et al., PG Pub: US 2001/0010975 A1, 8/2/01
↓	AX	Tanabe, et al., PG Pub: US 2001/0024870 A1, 9/27/01
VM	AY	Tanabe, et al., PG Pub: US 2001/0006853 A1, 7/5/01

Examiner	V. Yeliseyev	Date Considered
		06/09/05

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## U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date
VY AA	4,374,116	2/15/1983	Chuang, et al.			
VY AB	4,119,706	10/10/1978	Rogers			
VY AC	3,857,927	12/31/1974	Henrie			

## FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation/Abstract	
						Yes	No
VY AD	5-19746	3/12/1993	Japan				
N AE	63-85630	6/4/1988	Japan				
	AF 57-49895	3/24/1982	Japan				
	AG 58-19599	2/4/1983	Japan				
	AH 57-82102	5/22/1982	Japan			X	
	AI 55-041805	3/24/1980	Japan			X	
	AJ 55-003820	1/11/1980	Japan			X	
	AK 0 666 237	08/09/1995	EP				
	AL 09-148315	6/6/1997	Japan			X	
	AM 09-090092	4/4/1997	Japan			X	
VY AN							

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AO	Japanese Patent Office Action mailed May 16, 2000 for No. 3110456 with English translation		
Examiner	V.Y. Lee/Mor	Date Considered	08/09/05

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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